



in your Community

an update on Suncor's renewable energy business

June 2013

Suncor Energy's commitment to renewable energy

As we work toward a more sustainable energy future, renewable energy is going to be an increasingly important part of the global energy mix.

Suncor is a significant player in renewable energy in Canada. Our investments to date are focused on wind power and biofuels, although we continue to monitor other long-term opportunities, including solar.

It is estimated that Suncor's combined renewable energy portfolio currently displaces about one million tonnes of carbon dioxide per year – the equivalent of the annual tailpipe emissions of about 200,000 cars.

Corn is off-loaded at Suncor Energy's St. Clair ethanol plant, where every year 400 million litres of ethanol are produced as part of Canada's consumer fuel mix.



Meet the new head of ethanol



Jane Keast, a Suncor leader with 6.5 years at the Sarnia refinery under her belt, is now the new director of operations at the St. Clair ethanol plant in Mooretown, Ont. Jane joins 63 full-time office and operating staff at the plant.

"This is Canada's largest ethanol facility, and a great facility that focuses on safe, reliable operations," says Jane. "I am happy to be joining the team here and look forward to meeting our neighbours in the Mooretown community."

Opened in 2006, the plant has a current production capacity of 400 million litres per year and the ethanol produced is blended into Petro-Canada gasoline. Government regulations require that a percentage of ethanol be blended into fuels to reduce the environmental impacts of vehicle emissions.

The plant currently uses 40 million bushels of corn annually. The type of corn used as feedstock has traditionally been used to feed livestock. Once the starches are extracted from the corn to make ethanol, the co-product is used as an animal feed additive.

A view of the proposed Cedar Point project



This image simulates the view of the Bonnie Doon Golf Club with the proposed wind turbines digitized into the photo.

At our proposed wind power project open houses, we often receive a lot of questions about how the proposed project will change how the area 'looks'.

To provide stakeholders with a better perspective of what the proposed Cedar Point Wind Power project may actually look like, Suncor worked with a specialized visualization company (Truescape) and had visualization photo simulations completed – with viewpoints chosen to represent

recognizable landmarks throughout the project. The locations were photographed and the proposed wind turbines were digitized into the photograph in the proper proportions and perspective.

Truescape was also engaged to create drive-through animations for four road segments throughout the project. Digital recreations of the surrounding terrain, vegetation and infrastructure such as houses, barns and roads were created and turbines placed in the recreated digital landscape. Animations were then

created that involved driving through the digital landscape to demonstrate how the project will look from the roads. These routes were selected based on major roads throughout the project. These videos will open through Suncor's YouTube channel.

These visual simulations were shared with attendees at our project open houses in southwestern Ontario in April.

Check out these viewpoints, videos, and other project information at our website at suncor.com/cedarpointwind.

2013 update on Suncor's developing wind power projects in Ontario

In 2011, Suncor received Feed in Tariff power purchase contracts from the Ontario Power Authority for two wind power projects in Ontario.

Our Adelaide Project is a 40 megawatt (MW) development located north of Strathroy. As part of the Ontario Renewable Energy Approval (REA) process, Suncor submitted its application to the Ministry of the Environment (MOE) in December 2012 and the application was deemed complete on April 15, 2013.

This triggered a 45-day comment period on the Ontario Environmental Bill of Rights Registry as well as started the six-month 'clock' for the MOE to make a decision on whether or not the REA approval is to be granted. Suncor has started the detailed



engineering work necessary to prepare for a successful project should the approval be granted by the MOE.

Our Cedar Point Project is a 100 MW development near Sarnia. Public consultation continued in 2013 with well attended public meetings in the communities of Camlachie, Thedford and Watford, held the first week of April 2013. Suncor is currently awaiting confirmation from the MOE that the application meets the requirements to be 'deemed complete'.

Check out our project websites for the most up-to-date REA application documents, Suncor's responses to comments received at the public meetings, display boards, visual simulations and viewpoints, and contact information:

suncor.com/adelaidewind
suncor.com/cedarpointwind

Team talks wind at open houses



In 2012, Suncor's renewable energy team participated in extensive public consultation on its two proposed wind power projects in Ontario, with numerous open houses and meetings with government, landowners and interested community members. Here's the team at one of the October 2012 open houses for the proposed Adelaide project.

Suncor invests in Aboriginal education: the new buffalo

There is an Aboriginal saying that education is the new buffalo. In the past, the buffalo provided the food, shelter, clothing and other needs for Aboriginal communities. Today, education is seen as providing that community need. On March 15 and 16, this message was repeated throughout Indspire's first National Gathering for Indigenous Education.



Aboriginal youth came together to recognize Aboriginal accomplishments and meet Indspire award winners.

More than 200 educators and educational leaders came together to explore means to improve high school graduation rates for Aboriginal students. On March 15, the gathering also acted as the launch for the Indspire Institute, a teacher's training program where Aboriginal educators can learn from each other, collaborate and access necessary resources to teach and inspire Aboriginal youth. During the launch, Suncor announced its \$1.7 million commitment to the institute over five years to support innovation in education for Aboriginal youth.

"Building vibrant communities, healthy environments and employment prospects for future generations starts with education. And that's why we're excited to support the Indspire Institute," says Steve Williams, Suncor's president and CEO. "It's inspiring to see the change being created in classrooms through innovation, creativity and dedicated work by Indspire."

Suncor is also proud to have sponsored the Indspire Awards gala, recognizing and celebrating 12 individuals, indigenous professionals and youth for their contribution to education and community achievement.

Steve builds bridges at CERAWeek



The bridge to a positive energy future means greater co-operation, collaboration and conversations, rather than confrontations. This was the message from Steve Williams, Suncor's president and CEO, in his keynote address earlier this year to IHS CERAWeek 2013 in Houston, Texas.

The theme of Steve's speech was bridge building to get to a shared energy future. He addressed hot-button issues, including the New American energy map, market access and getting past the polarizing debates about energy and infrastructure development. His remarks focused on identifying the positive impacts that energy has, and how a strong energy partnership benefits both Canada and the United States. Continuous improvement, innovation and collaboration, he noted, are key to our future success.

Steve's speech also emphasized the value the oil sands provide in meeting energy demand as global energy demand continues to grow.

CERAWeek is one of the most prestigious annual meetings of the global energy industry.

2013 Suncor Report on Sustainability coming soon

The world we create energy in is the same world we create energy for – and Suncor wants to help make that world more sustainable.

We pursue a triple bottom line vision of sustainability. This means that we develop our valuable natural resources in a way that delivers economic prosperity, improves social well-being and creates a healthy environment for today and tomorrow.

Every day we work to improve our performance and consistently raise the bar. It's through our annual Report on Sustainability, which is slated for release in July 2013, that we are able to share with you the progress we've made, the challenges we face and how we can work together to overcome these hurdles.

We know that when it comes to creating the energy that sustains our world and the people who share it, we all have different perspectives. But we also know that the best conversations start when we listen to other points of view. That's why we continue to provide our report in a format that is interactive – because it's only when we all share in the sustainability discussion that we reach the best solutions.

We recognize our sustainability journey is far from complete. But we're determined to build on our experience, focus on continuous improvement, and ultimately, create energy for a better world.

To read more about Suncor's sustainability journey, check out our 2013 Report on Sustainability, available on our website in July.



The Walrus talks energy

While the walrus isn't an animal native to Suncor's operating areas, this iconic creature is now a part of Suncor's energy story.

For the next two years, Suncor and The Walrus Foundation will deliver The Walrus Talks Energy series. Each event in the series will feature eight high-profile speakers from diverse backgrounds providing thought-provoking ideas and unique perspectives on the future of energy. Each speaker has seven minutes to deliver their topic, providing a wide range of views.

Suncor's Oil Sands Question and Response (OSQAR) blog is a natural fit to continue to drive the Walrus Talks Energy partnership, as it already provides a unique perspective on oil sands and energy development.

The talk series began on April 4 with the first event in Toronto, Ont. The four-part series will take place in different cities across Canada throughout 2013 and 2014.

Have you met OSQAR? You should!



We've heard from friends, colleagues and stakeholders that they want more information about oil sands and the industry's performance. OSQAR (Oil Sands Question and Response) is an e-newsletter and blog created by Suncor to inform and expand constructive conversation about energy demands and oil sands development.

Each weekly post reflects topics on the energy industry such as environmental impact, tailings management and reclamation, water management and the social and economic implications of oil sands development.

OSQAR is unique from a corporate perspective in that each edition is written in a less formal style, uses humour, and 'steps out' on a range of topics that some may consider controversial.

Sign up today to meet OSQAR at <http://osqar.suncor.com> and join the conversation.

Don't miss out on our new mobile app. Download it from your app store today.



Sign up at www.suncor.com/emailalerts to be notified when new *In Your Community* newsletters are available online



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